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Rev. 12/09/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hong Cai et al.

Docket No.: S-94,652

Serial No.: 09/862,855

Examiner:

Filed : 5/21/2001

Art Unit:

For : RAPID HAPLOTYPING BY SINGLE MOLECULE DETECTION

Mail Stop Sequence  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

SUBMISSION OF SUBSTITUTE "SEQUENCE LISTING," COMPUTER READABLE  
COPY, AND/OR AMENDMENT PERTAINING THERETO  
FOR BIOTECHNOLOGY INVENTION CONTAINING NUCLEOTIDE  
AND/OR AMINO ACID SEQUENCE

(check and complete this item, if applicable)

1. ☒ This replies to the Office Letter dated 06/16/2005.

☒ A copy of the Office Letter is enclosed.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service  
with sufficient postage as first class mail in an  
envelope addressed to:  
Commissioner for Patents, P. O. Box 1450,  
Alexandria, VA 22313-1450.

FACSIMILE

☐ transmitted by facsimile to the  
United States Patent and Trademark Office.

Date: Sept 9, 2005

Bruce H. Cottrell  
Signature

Bruce H. Cottrell  
(type or print name of person certifying)

## IDENTIFICATION OF PERSON MAKING STATEMENT

2. I, Bruce H. Cottrell

(type or print name of declarant signing below)

state the following:

### ITEMS BEING SUBMITTED

3. Submitted herewith is/are:

(check each item as applicable)

- A. ☒ "Sequence Listing(s)" for the nucleotide and/or amino acid sequence(s) in this application. Each "Sequence Listing" is assigned a separate identifier as required in 37 C.F.R. § 1.821(c) and 37 C.F.R. §§ 1.822 and 1.823.
- B. ☐ An amendment to the description and/or claims, wherein reference is made to the sequence by use of the assigned identifier, as required in 37 C.F.R. § 1.821(d).
- C. ☐ An amendment requesting entry of the Sequence Listing into the specification.
- D. ☒ A copy of each "Sequence Listing" submitted for this application in computer readable form, in accordance with the requirements of 37 C.F.R. §§ 1.821(e) and 1.824.
- E. ☐ Please transfer to this application, in accordance with 37 C.F.R. § 1.821(e), the computer readable copy(ies) from applicant's other application identified as follows:

In reapplication of:

Application No.: 0 /

Group No.:

Filed:

Examiner:

For:

The Computer readable form(s) of applicant's other application corresponds to the "Sequence Identifier(s)" of the application as follows:

Computer Readable Form  
(other application)

"Sequence Identifier"  
(this application)

- F. ☒ A statement that the content of each "Sequence Listing" submitted and each computer readable copy are the same, as required in 37 C.F.R. § 1.821 (g).
- ☐ Because the statement is not made by a person registered to practice before the Office, the statement is verified as required in 37 C.F.R. § 1.821(b).
- G. ☒ Because this submission is made in fulfilling the requirement under 37 C.F.R. § 1.821 (g), a statement that the submission includes no new matter.
- ☐ Because the statement is not made by a person registered to practice before the Office, the statement is verified, as required in 37 C.F.R. § 1.821(g).

**STATEMENT THAT "SEQUENCE LISTING"  
AND COMPUTER READABLE COPY ARE THE SAME  
AND/OR THAT PAPERS SUBMITTED INCLUDES NO NEW MATTER**

4. I hereby state:

(complete applicable item A and/or B)

- A. ☒ Each computer readable form submitted in this application, including those forms requested to be transferred from applicant's other application, is the same as the "Sequence Listing" to which it is indicated to relate.
- B. ☒ All papers accompanying this submission, or for which a request for transfer from applicants' other application, introduce no new matter.

**STATUS**

5. Applicant

☒ claims small entity status

**EXTENSION OF TIME**

6. The proceedings herein are for a patent application and the provisions of 37C.F.R. § 1.136 apply.

- (a) ☒ Applicant petitions for an extension of time under 37 C.F.R. § 1.136 (fees: 37 C.F.R. § 1.17(a)(1)-(4)) for the total number of months checked below:

<u>Extension (months)</u>	<u>Fee for other than small entity</u>	<u>Fee for small entity</u>
<input checked="" type="checkbox"/> one month	\$ 120.00	\$ 60.00
<input type="checkbox"/> two months	\$ 450.00	\$225.00
<input type="checkbox"/> three months	\$ 1020.00	\$510.00
<input type="checkbox"/> four months	\$1,590.00	\$795.00

Fee: \$ 60.00

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- ☐ An extension for \_\_\_\_\_ months has already been secured. The fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$60.00

**or**

- (b) ☐ Applicant believes that- no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

**FEE PAYMENT**

7. ☐ Attached is a check in the sum of \_\_\_\_\_

- ☒ Charge Account No. 12-2150 the sum of \$60.00.  
A duplicate of this transmittal is attached.

**FEE DEFICIENCY**

8. ☒ If any additional extension and/or fee is required, charge

Account No. 12-2150

**SIGNATURE(s)**

Respectfully submitted,

Date: Sept 9, 2005

Bruce H. Cottrell  
Signature of Attorney

Reg. No.: 30,620  
Phone: (505) 667-9168

Bruce H. Cottrell  
Los Alamos National Laboratory  
LC/IP, MS A187  
Los Alamos, New Mexico 87545